

10/519718

IN THE CLAIMS

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Claim 1 (original): A method of cleaning pollen from mechanical impurities, spores and microorganisms, comprising by that the contaminated pollen (1) is sucked to airflow through an insulant sieve (2), while the clean pollen particles (3) fall into a filter (6) where they are caught, and the impurities (5) stick on the sieve (2).

Claim 2 (original): The method of cleaning pollen according to Claim 1 comprising by that the amount of sucked contaminated pollen (1) and speed of its sucking to the air flow is regulated by a throttle flap (8) placed before the sieve (2).

Claim 3 (original): A pollen cleaning device consisting of a sucking unit with a filter comprising by that at least one insulant sieve (2) and at least one throttle flap (8) are arranged before the filter (6) input.

Claim 4 (original): The device according to Claim 3 comprising by that it is arranged inside an underpressure chamber (9) equipped with an underpressure ventilator (10), while the outlet (11) of the sucking unit (7) is led outside the underpressure chamber (9).

Claim 5 (original): The device according to Claim 3 comprising by that the sieve (2) is interchangeably fitted on the input of a vertical sucking strainer (12) led to the filter (6) and the throttle flap (8) consists of a perforated board touching the sieve (2).

Claim 6 (original): The device according to Claim 5 comprising by that perforation of the throttle flap (8) consists of circular or oval holes of different diameters arranged into a circle or an oval.

Claim 7 (currently amended): The device according to Claim 3 at least one of the Claims 3 through 6 comprising by that it moreover contains a heating board (13) on which a work board (14) for the contaminated pollen (1) is arranged, a sweeping plate (15), spoon (16) for ladling the contaminated pollen (1) and its application on the sieve (2), and a brush (17) with a dust bin (18) for removing dirt (5) from the sieve (2) surface.

Claim 8 (currently amended): The device according to Claim 3 at least one of the Claims 3 through 7 comprising by that it is equipped with a cover (19) fitting to the sucking strainer (12) with the sieve (2) and fitted with a sucking lead (20), for sucking remainders of contaminated pollen (1) from the work board (14).